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SERIAL NUMBER 09/411,521	FILING DATE 10/04/99	CLASS 123	GROUP ART UNIT 3747	ATTORNEY DOCKET NO. 98-639
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APPLICANT

KENT A. KOSHKARIAN, PEORIA, IL; SEUNG K. LEE, PEORIA, IL; MICHAEL J. READEY, DUNLAP, IL.

*None*

\*\*CONTINUING DOMESTIC DATA\*\*\*\*\*  
VERIFIED

*[Signature]*

\*\*371 (NAT'L STAGE) DATA\*\*\*\*\*  
VERIFIED

*[Signature]*

*None*

\*\*FOREIGN APPLICATIONS\*\*\*\*\*  
VERIFIED

*[Signature]*

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Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY IL	SHEETS DRAWING 2	TOTAL CLAIMS 14	INDEPENDENT CLAIMS 1
Verified and Acknowledged			Examiner's Initials <i>[Signature]</i>	Initials		

ADDRESS

KATHLEEN M RYAN  
CATERPILLAR INC  
PATENT DEPARTMENT AB6490  
100 NE ADAMS STREET  
PEORIA IL 61629-6490

TITLE

RARE EARTH SILICATE COATING ON A SILICON-BASED CERAMIC COMPONENT BY CONTROLLED OXIDATION FOR IMPROVED CORROSION RESISTANCE

FILING FEE RECEIVED  \$760	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT NO. _____ for the following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
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NOV. 17. 1999 3:10PM

CAT PATENT DEPT

NO. 2867 P. 2/3

PTO-103X  
(Rev. 6-99)RECEIVED  
PATENT DEPT.

FILING RECEIPT

NOV 11 1999


 UNITED STATES DEPARTMENT OF COMMERCE  
 Patent and Trademark Office  
 ASSISTANT SECRETARY AND COMMISSIONER  
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 Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/411,521	10/14/99	3747	\$760.00	98-639	2	14	1

 KATHLEEN M RYAN  
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Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) KENT A. KOSHRARIAN, PEORIA, IL; SEUNG K. LEE, PEORIA, IL; MICHAEL J. READEY, DUNLAP, IL.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 10/27/99

TITLE

 RARE EARTH SILICATE COATING ON A SILICON-BASED CERAMIC COMPONENT BY  
 CONTROLLED OXIDATION FOR IMPROVED CORROSION RESISTANCE

PRELIMINARY CLASS: 123

DATA ENTRY BY: SMITH ANNETTE

TEAM: 03 DATE: 10/27/99

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## PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231  
ATTN: BOX PATENT APPLICATION

Docket No.: 98-G39  
Date: October 4, 1999

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): KENT A. KOSHKARIAN; SEUNG K. LEE; and MICHAEL J. READEY

For (title): RARE EARTH SILICATE COATING ON A SILICON-BASED CERAMIC  
COMPONENT BY CONTROLLED OXIDATION FOR IMPROVED CORROSION  
RESISTANCE

Enclosed are:

[X] 2 sheet(s) of drawings. (FORMAL)

[X] An Assignment of the invention to Caterpillar Inc.

[ ] Declaration not enclosed.

[X] Material information pursuant to 37 CFR § 1.56.

The filing fee has been calculated as shown below:

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEES
TOTAL CLAIMS	14 - 20 =	0	x \$18	0.00
INDEPENDENT CLAIMS	3 - 3 =	0	x \$78	0.00
			BASIC FEE	\$760.00
			FILING FEE	\$760.00

[X] The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the pendency of the application to Deposit Account No. 03-1129. Two copies of this sheet are enclosed.

[ ] It is expressly requested that the U.S. Patent and Trademark Office commence national processing of the above-entitled international application under the provisions of PCT Article 23(2) and 35 USC 371(f).

## Correspondence Address:

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Reg. No. 45,063  
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"Express mail" mailing label number EJ696626273115

Date of deposit October 4, 1999

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nancee J. Stamm (Reg. No. (N/A))  
(Name of person mailing application)

Nancee J. Stamm  
(Signature of person mailing application)

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